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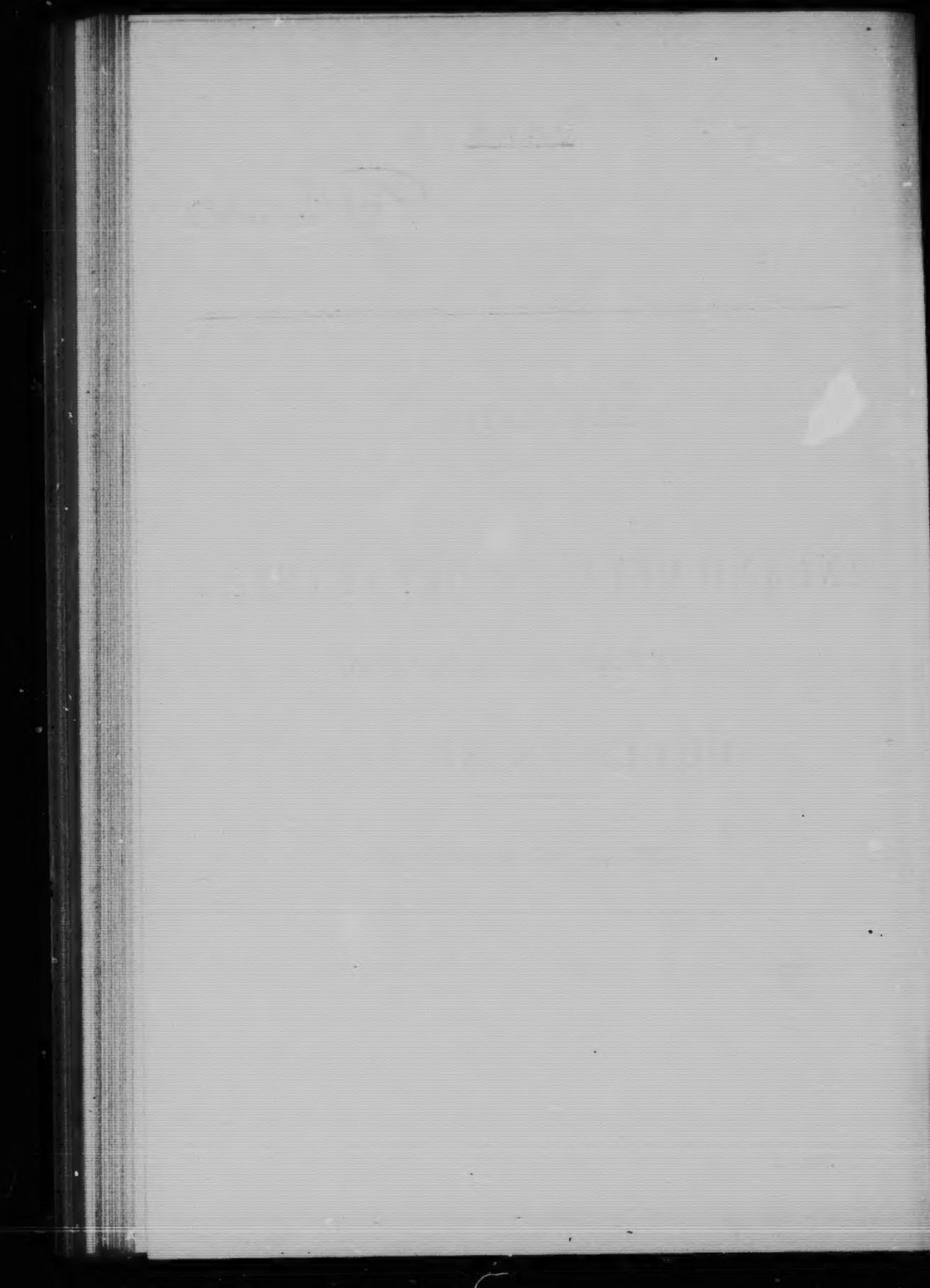
OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 139

FERTILIZERS AS SOLD 1907.



BULLETIN No. 139.

FERTILIZERS AS SOLD, 1907.

ERRATA.

Page 4—No. 29521—Thomas Phosphate Powder. This sample should be compared with 1961 or 1971 of Bulletin 134. The relative values found for these samples are \$16.00 and \$17.17 respectively. The value found for No. 29521 is \$11.89.

Page 8—No. 29521—In column 'Identified with standard,' read 1961 or 1971.

Page 9—No. 29521—For relative value, \$14.24, read \$11.89.

Page 9—No. 29521—For relative value, \$18.53, read \$16.00.

Page 9—No. 26234—In column 'Potash' read trace.

Page 9—No. 26235—For relative value, \$16.64, read \$14.45.

Page 11—No. 32511—For relative value, \$15.63, read \$24.24.

The basis of these calculated values is given in Bulletin 134, p. 3, but may be repeated here:—

	Cents per lb.
Nitrogen, in salts of ammonia, or nitrates, as well as in compound fertilizers.....	17
Organic nitrogen, in ground bone, fish, blood or tankage.....	16
Phospho.....	6
Soluble in water.....	5½
Soluble in one per cent citric acid solution.....	5½
Insoluble in Thomas phosphate powder, bone and fertilizers generally.....	1½
Potash, in compound fertilizers.....	5

Insoluble phosphoric acid in Thomas phosphate powder has, in earlier bulletins, been given the value 8½ cents per lb.

(Sd) A. MCGILL,

Chief Analyst.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 189

FERTILIZERS AS SOLD 1907.

OTTAWA, July 25, 1907.

W. J. GERALD, Esq.,

Deputy Minister of Inland Revenue.

Sir,—I have the honour to submit a report upon 107 samples of Fertilizers, purchased by our own Inspectors, and submitted to analysis for the purpose of ascertaining how far the articles sold are in conformity with the guarantees of the manufacturer.

Great difficulty has always been found in identifying with certainty the sample sold, with the corresponding article as guaranteed. The retail vendor is frequently ignorant of the registered name; and he is satisfied to sell as "Ground Bone" an article which may be registered as 'Bone Flour,' 'Bone Meal,' 'Fine Ground Bone' with or without other distinguishing words. It is evident that without satisfactory proof of identity, it becomes impossible to speak with assurance of the conformity of the sample to a standard. The following classification of the samples now reported, is offered subject to limitations just mentioned.

Fully identified and up to guarantee.....	62 samples
Doubtfully identified and up to guarantee.....	18 "
" " and below "	3 "
Apparently not registered.....	24 "
	107

The samples classified as 'below guarantee,' are the following:—

No. 30,371—*Bone Meal*, manufactured by W. Harris & Co., Toronto.

The sample in question was obtained at the factory, and shows a value of \$24.30 as compared with \$33.69 shewn (on same scale) by the sample registered. It is noteworthy however, that no explicit guarantee accompanied either of these samples; and comparison can only be made with the Standard deposited with the Department, as required by the Fertilizers Act. It is no unusual thing for a standard sample to possess a value greatly above the minimum value guaranteed by the manufacturer; and to require every sample sold to reach the value possessed by the

manufacturer's sample deposited, would result in condemnation of a very large percentage of all fertilisers sold. Nor would it be just to the manufacturer, who sells on the basis of a plainly printed guarantee, which may be considerably below actual value, and all the purchaser has any right to do, is to require him to live up to this guarantee. The fault, in the present case, is the selling without such explicit guarantee; a fault, however, which cannot be held to justify us in substituting for such guarantee, the standard sample deposited here, and requiring the manufacturer to live up to such standard. The difficulty met here arises out of imperfections in our Fertilizer Act; and it would not, I conceive, be just to press the case against the manufacturer of No. 30371.

No. 32446—High Grade Potash—American Agricultural & Chemical Co., Buffalo.

This brand is guaranteed to contain 10 per cent of potash. The sample analysed contained only 4·44 per cent. The standard sample deposited here contained 10·34 per cent of potash. This sample was registered as *High Grade Potash Compound*, No. 1946. Sample 32446 is sold as *High Grade Potash*, without the word 'Compound.' The name of the manufacturer, would probably be held to sufficiently identify the brand, as sold, with the brand, as registered; but as this is only *probable*, I am inclined to use this case rather as an argument for improving our machinery of identification, than as a case for prosecution.

No. 29621—Thomas Phosphate Powder—The Anglo-Canadian Chemical Co., St. John, N.B.

The guarantee is 17·80 per cent Phosphoric acid, while the sample contains but 15·08 per cent.

Here again, however, there is decided uncertainty in identification. The sample registered as 2030 is named Ohlendorff's Ground Basic Slag.

Nothing can be clearer than that efficient fertilizer inspection is only possible when assured identification of every sample sold makes reference to, and comparison with a registered standard easy and certain. This involves the affixing of a tag or label to every package sold. Such tag or label should carry a printed guarantee, together with the name of the brand, and of the manufacturer. It would further simplify identification if each brand were designated by a registered number.

There seems no reason why tags or labels of the kind described, should not be furnished by the Inland Revenue Department to manufacturers of fertilizers, on registration, and at a fixed price. The income so derived would constitute a fund to meet the expenses of carrying out the Fertilizer Act. Not only would the question of identification be solved in this way, but the other difficulty of knowing whether a fertilizer were registered or not, would be met at the same time.

The following list comprises those brands of fertilizers purchased by our Inspectors, which do not appear to be registered as required by the Act.

No.	Name.	Manufacturer.	Vendor.
487	Karlans General Fertilizer	E. St. Jacques	Pharmacie St. Hyacinthe.
27374	Orchard Brand	Pidgeon Fert. Co., Windsor, N.B.	Capt. C. O. Allen, Kentville, N.S.
28622	Colombian Potato	The Col. Mortimer Co., New York	Geo. F. Baird Co., Perth, N.B.
30373	Bone Dust	Amer. Agric. Co., Buffalo, N. Y.	J. A. Bruce, Hamilton.
30375	Blood Bone and Tankage	Can. Packing Co., London	Same.
32067	Bone Meal	Sylvester Feed Co., Victoria, B.C.	Wm. Ronnie Co., Victoria, B.C.
32250	Market Gardeners Special Fertilizer	Nichols Chem. Co., Capleton, P.Q.	Kenneth McDonald, Ottawa.
32440	Land Rock	R. C. Mosher, N.H.	Chase Bros., ^{is not fertilizer} Coburbo, ^{under the Act.}
32445	Lawn Fertilizer	W. A. Freeman, Hamilton.	G. B. Thompson, Cobourg.
32445	Plaster	Not known	E. A. Duncan, ^{is not fertilizer} Cobourg, ^{under the Act.}
32513	Eureka	Fertilizer Co., Buckingham.	R. J. Latimer, Montreal.
32521	Lawn Fertilizer	W. A. Freeman, Hamilton.	S. L. Taylor, Brampton.
32527	Lawn Fertilizer	Wm. Ronnie Co., Toronto.	Same.
32566	Farm and Garden	W. A. Freeman, Hamilton.	Steele Briggs & Co., Toronto.
32669	Freeman's	Wm. Davison & Co., Toronto.	Same.
33271	Tankage	Park Blackwell Co., Toronto.	"
33272	"	Western Fertilizer Co., Toronto.	"
33273	General	Fowler Can. Co., Hamilton.	"
33274	Bone and Potash	W. A. Freeman, Hamilton.	Steele Briggs Co., Hamilton.
33275	Tankage Fertilizer	W. M. Ronnie, Toronto.	C. Stock & Son, Brampton.
33276	Flower Food Fertilizer	Western Fertilizer Co., Toronto.	Same (like 33274)
33277	Plant Food	"	" (like 33275)
33279	Bone and Potash Fertilizer	"	
33280	General Fertilizer	"	

The 24 samples in question appear to represent 22 distinct brands. Of this number, two (Nos. 32440 and 32445) are not fertilizers, under the Act, since they do not contain phosphoric acid, nitrogen or potash. It is possible that some of these samples may be registered brands, but sold under names which do not suffice for their certain identification. This inference seems justified by the fact that several of the manufacturers named, have registered one or more brands, and are not likely to have, ^{very} ~~very~~ ^{angily} put unregistered brands on the market.

In the cases of samples 33273 and 33274 (also 33279 and 33280, which appear to be the same brands), it is worthy of remark that articles of very low value indeed are put on the market as chemical fertilizers. This fact, together with the fact of their non-registration, would appear to be sufficient ground for ^{restrictive} legal action.

Finally, I would respectfully draw your attention to the need of revising and improving our Fertilizer Act; so as to make it truly efficient in protecting the agricultural interests of Canada; and would recommend the publication of this report, with accompanying tables, as Bulletin No. 139.

I have the honour to be, Sir,

Your obedient servant,

A. MCGILL,

Acting Chief Analyst.

RECORD OF SAMPLES OF

Date of Collection.	Designation.	No. of Sample.	Name and Address of Manufacturer.	Name and Address of Vendor.	Identified with Standard.
<i>District of Nova Scotia.— R. J. Waugh, Inspector.</i>					
1897.					
May 14	Victor Guano.....	27366	Provincial Chemical Co., St. John, N.B.	J. H. Longmire & Sons, Bridgetown, N.S.....	1886..
" 14	Potato Fertilizer.....	27367	Provincial Chemical Co., St. John, N.B.	J. H. Longmire & Sons, Bridgetown, N.S.....	1885..
" 14	Potato Manure.....	27368	Swift Lowell Fertilizer Co., Boston, Mass.	N. E. Chute, Bridgetown, N.S.....	1956..
" 14	Animal Brand.....	27369	Swift Lowell Fertilizer Co., Boston, Mass.	N. E. Chute, Bridgetown, N.S.....	1955..
" 15	XXX Fish and Potash Brand.	27370	Russia Cement Co., Gloucester, Mass.	G. N. Ray, Middletown, N.S.....	1893..
" 15	Market Garden and Potato Brand.	27371	Russia Cement Co., Gloucester, Mass.	G. N. Ray, Middletown, N.S.....	1894..
" 16	Six per cent Fertilizer...	27372	Bowker, Boston, Mass.	G. F. Roy, Kentville, N.S.....	1922..
" 16	Potato Manure.....	27373	Swift's Lowell Fertilizer Co., Boston, Mass.	G. F. Roy, Kentville, N.S.....	1956..
" 16	Orchard Brand.....	27374	Pidgeon Fertilizer Co., Capt. C. O. Allen, Kent-Windsor, N.S.	Kentville, N.S.....	
" 17	Stockbridge Manure...	27375	Bowker Fertilizer Co., Boston, Mass.	F. W. Woodman, Wolfville, N.S.....	1930..
" 17	Square Brand.....	27376	Bowker Fertilizer Co., Boston, Mass.	F. W. Woodman, Wolfville, N.S.....	1917..
" 17	'Swift's Animal Brand for all crops.	27377	Swift's Lowell Fertilizer Co., Boston, Mass.	R. E. Harris & Son, Wolfville, N.S.....	1955..
" 23	Potato Special	27378	American Agricultural Chemical Co., New York.	E. M. Walker, Dartmouth, N.S.....	2033..
<i>District of Prince Edward Island.—T. Moore, Inspector.</i>					
" 20	Swift's Lowell Bone Fertilizer for Corn & Grain	31121	Swift Lowell Fertilizer Co., Boston, Mass.	Pool & Thompson, Montague Bridge, P.E.I.....	1952..
" 20	Ceres Superphosphate, a Complete Fertilizer.	31122	Nova Scotia Fertilizer Co., Halifax, N.S.	R. E. Mutch, Charlottetown, P.E.I.....	1980..
" 20	Bone and Potash.....	31123	Nova Scotia Fertilizer Co., Halifax, N.S.	R. E. Mutch, Charlottetown, P.E.I.....	1983..
<i>District of New Brunswick.— J. C. Ferguson, Inspector.</i>					
April 17	Potato and Vegetable Phosphate.	24361	Bowker Fertilizer Co., Boston, Mass.	D. J. Seely & Son, St. John, N. B.....	1915..
" 18	Swift's Potato Manure..	24362	Swift's Lowell Fertilizer Co., Boston, Mass.	P. Nase & Son, St. John, N.B.....	1956..
" 19	Reid's Superphosphate...	24363	Thos. Reid, St. John, N.B.	Thos. Reid, St. John, N. B.....	1990..
" 20	Special Potato Phosphate	24364	The Provincial Chemical Fertilizer Co., Ltd., St. John Co., (East) N.B.	The Provincial Chemical Fertilizer Co., Ltd., St. John, Co. (East) N.B....	1985..

FERTILIZERS AS SOLD.

NITROGEN PER CENT.		RESULT OF ANALYSIS. PHOSPHORIC ACID—PER CENT.						Moisture.		Relative value per ton of 2,000 lbs.		Remarks.
Total : including that of nitric and or ammonia if present.	Total calculated as ammonia.	Soluble in water.	Reverted or nitrate, soluble.	Insoluble.	Total.	Total available.	Potash.	Moisture.	\$ cts.	\$ cts.		
2.10	2.55	4.56	3.73	2.12	10.40	8.26	4.76	12.27	22.10	Up to guaranteed value.		
1.65	2.00	—	—	—	7.00	—	2.50	—	22.75	Up to guarantee.		
2.18	2.65	4.70	2.73	1.57	9.00	7.43	6.55	11.90	—	—		
2.06	2.50	—	—	—	8.00	—	6.50	—	—	—		
2.06	2.50	—	—	—	8.00	—	5.57	8.99	20.74	—		
1.60	1.94	3.25	4.75	2.00	10.00	8.00	4.00	—	17.61	—		
1.65	2.00	—	—	—	8.00	7.00	4.00	—	—	—		
2.27	2.75	4.70	5.03	3.24	13.95	9.73	4.45	11.30	24.61	—		
2.47	3.00	—	—	—	10.00	8.00	4.00	—	21.80	—		
2.35	2.86	1.50	6.70	6.70	15.00	8.20	2.56	8.09	21.73	—		
2.06	2.50	—	—	—	12.00	9.00	2.25	—	20.05	—		
2.07	2.52	3.00	7.18	3.87	14.05	10.18	4.58	12.74	24.28	—		
2.00	3.40	4.00	4.00	2.00	10.00	—	5.00	—	21.60	—		
1.15	1.39	2.25	4.00	4.15	10.40	6.25	8.43	14.54	20.89	—		
0.82	1.00	—	—	—	7.00	6.00	6.00	—	15.69	—		
1.79	2.18	3.96	3.55	2.00	10.10	7.53	5.92	7.26	21.43	—		
1.65	2.00	—	—	—	8.00	7.00	4.00	—	17.61	—		
0.10	0.13	4.25	2.45	1.30	8.00	6.70	7.25	13.18	15.78	Cannot be identified with any of the 5 brands registered by the Pidgeon Fertilizer Co. Not registered.		
2.92	3.55	■ 10	■ 53	3 ■	10.95	7.63	8.80	11.08	26.52			
3.30	4.00	—	—	—	7.00	6.00	10.00	—	26.12	Up to guarantee. No. 1930 is reg- istered as 'Stockbridge Special Complete Manure.' Hence identification is uncertain.		
1.61	1.95	6.06	4.02	2.24	12.31	10.07	3.28	11.15	20.11			
1.65	2.00	—	—	—	7.00	6.00	2.00	—	14.51	—		
2.24	2.72	5.96	3.98	4.67	14.60	9.93	4.68	9.95	25.22	—		
2.47	3.00	—	—	—	10.00	8.00	4.00	—	21.80	—		
2.35	2.46	5.55	3.08	2.57	11.20	8.63	5.44	14.74	24.16	Up to guarantee. No. 2033 is reg- istered as 'Standard Special for Potatoes.' Hence identi- fication is uncertain.		
2.06	2.50	5.00	3.00	2.00	10.00	8.00	3.00	—	19.90			
2.24	2.72	4.06	4.73	4.35	13.18	8.78	3.83	5.12	22.81	Up to guarantee, but identifica- tion uncertain; No. 1962 is reg- istered without the words 'for corn and grain.'		
1.65	2.00	—	—	—	9.00	8.00	3.00	—	17.71			
1.54	1.83	8.26	1.73	1.77	11.75	9.96	4.23	12.20	21.80	Up to guarantee.		
1.65	2.00	—	—	—	7.00	—	2.00	—	30.20			
2.83	3.43	—	13.85	10.35	24.20	13.85	3.03	10.40	—	Standard 1933, is registered un- der the name 'Blood, Bone and Potash.' Is up to this guaran- tee; but identification is uncer- tain.		
1.65	2.00	—	—	—	7.00	—	4.00	—	—			
6.02	7.31	—	6.40	3.90	10.30	6.40	2.47	9.53	31.14	Up to guarantee.		
1.65	2.00	—	—	—	9.00	8.00	2.00	—	16.71	Up to guarantee, but identifica- tion uncertain. No. 1966 is reg- istered as 'Swift's Lowell Po- tato Manure.'		
1.37	1.67	4.06	3.50	2.10	9.65	7.55	7.32	8.00	21.32			
1.65	2.00	—	—	—	8.00	7.00	4.00	—	17.61	—		
2.74	3.38	1.86	7.75	1.55	11.15	9.00	2.48	20.32	23.01	Nearly up to value of standard sample, whose analysis is quot- ed. Up to guarantee.		
4.41	5.35	2.16	3.41	4.90	10.47	5.87	2.00	5.25	24.80			
3.33	4.05	6.50	0.74	1.20	8.44	7.24	3.53	6.57	23.52	Up to guarantee, but identifica- tion uncertain. No. 1935 is reg- istered simply as 'Potato Phos- phate.'		
2.06	2.50	—	—	—	8.00	—	6.50	—	—			

RECORD OF SAMPLES OF

Date of Collection.	Designation.	No. of Sample.	Name and Address of Manufacturer.	Name and Address of Vendor.	Identified with Standard
1907.			District of New Brunswick—Com.		
" 22	New England Peeries Fertiliser.	24366	New England Fertiliser Co., Boston, Mass.	P. Nase, Main st., St. John, N.B.	1940..
" 23	Farm and Garden Phosphate.	24366	Bowker Fertiliser Co., Boston, Mass.	W. B. McKay & Co., Sussex, N.B.	1919..
May 9	Climax Phosphate.	24368	The American Agricultural Chemical Co., New York.	F. McMurchie, St. Stephen, N.B.	2027..
" 9	Bradley's XL Superphosphate of Lime.	26619	The American Agricultural Chemical Co., New York.	Hy. R. Hill, St. Stephen, N.B.	2007..
" 14	Potato Manure.	26620	The American Agricultural Chemical Co., New York.	Solomon Perley, Woodstock, N.B.	2053..
" 15	Thomas Phosphate Powder.	26621	The Anglo-Canadian Chemical Co., St. John, N.B.	J. W. James, Andover, N.B.	2030..
" 15	Columbian Potato.	26622	The Col. Mortimer Co., New York.	Geo. F. Baird Co., Ltd., Perth, N.B.	1962..
May 15	Potato Phosphate.	26623	The Nova Scotia Fertiliser Co., Halifax, N.S.	DeWitt and Hofferman, Perth, N.B.	
April 26	Pacific Potato Special.	24367	American Agricultural Co., New York.	Toombs & Son, Moncton, N.B.	2022..
			District of Quebec—E. Island, Inspector.		
April 19	'Victor'.	26339	Capleton Chemical Fertiliser Co.	Clovis Mercier, St. Marie, Beause.	1994
" 19	'Phosphate No. 1.'	26344	Nichols Chemical Co., Capleton, P.Q.	Geo. Gagnon, St. Marie, Beause.	1962
" 19	'Thomas Phosphate Powder.'	26235	H. O. E. Albert, London, England.	Geo. Gagnon, St. Marie, Beause.	1971
" 19	'Victor'.	26336	Nichols Chemical Co., Capleton, P.Q.	Geo. Gagnon, St. Marie, Beause.	1994
" 19	'Sure Crop' 6 per cent Potato Fertiliser.	26238	Bowker & Co., New York.	Geo. Beaudoin, St. Elzear, Beause.	1935
" 19	'Sure Crop' Bowker's 6 per cent Potato Fertiliser.	26239	" " ..	J. Berthiaume, St. Elzear, Beause.	1932
" 19	'Sure Crop'.	26240	" " ..	J. Berthiaume, St. Elzear, Beause.	1930
			District of St. Hyacinthe—J. C. Boulet, Inspector.		
May 3	Corn Fertiliser.	484	Bowker Fertiliser Co., New York.	D. E. Taylor, Kingsley Road, Richmond.	1916
" 7	7 6 per cent Potash.	485	" " ..	A. J. Brown, Lawrenceville.	1932
" 13	'Victor' Gano.	486	Provincial Chemical Fertiliser Co., St. John, N.B.	Chas. Racicot, St. Hyacinthe.	1966
" 17	Earlana General Fertiliser.	487	T. St. Jacques.	Pharmacie St. Hyacinthe, St. Hyacinthe.	.....
" 1	'Sure Crop' Phosphate'.	489	Bowker Fertiliser Co., New York.	G. N. Salisbury, Abbotts Corner.	1926
May 1	Potato and Vegetable Phosphate.	481	" " ..	G. N. Salisbury, Abbotts Corner.	1913

FERTILIZERS AS SOLD.

NITROGEN PER CENT.	RESULT OF ANALYSIS. PHOSPHORIC ACID—PER CENT.						Relative value per ton of 2,000 lbs.	Remarks.	
	Soluble in water.	Reverted or trated, soluble.	Insoluble.	Total.	Total available.	Percent.	Magnes.		
Total: including that of nitric acid or ammonia if present.	Total calculated as ammonia.								
1.13	1.35	1.35	4.73	2.26	8.92	6.67	1.07	9.34	13.89 Up to guarantee.
0.82	1.00			1.00	8.00	7.00	1.00	—	11.79
1.99	2.41	5.35	3.05	3.70	12.10	8.40	2.11	14.45	19.76
1.65	2.00				9.00	8.00	2.00	—	16.71
0.81	0.98	4.75	5.18	3.07	13.00	9.95	2.95	17.25	18.02
1.06	1.25	0.60	2.00	2.00	10.00	8.00	2.00	—	15.50
1.86	2.20	5.40	3.17	3.70	11.27	8.57	1.71	16.34	19.18 Up to guarantee.
2.06	2.50	5.00	3.00	2.00	10.00	8.00	1.50	—	18.40
3.28	3.35	2.75	3.24	2.10	8.50	5.90	10.07	11.16	20.22
2.06	2.50	5.00	3.00	2.00	10.00	8.00	2.00	—	19.90
1.18	1.45	3.20	1.14	3.12	7.46	4.34	2.16	16.23	13.90 Not registered.
1.90	2.31	6.65	1.25	2.05	9.22	7.25	2.21	10.45	Up to guarantee.
1.65	2.00				7.00		4.00	—	
2.04	2.45	4.70	3.26	3.45	11.71	8.65	2.07	17.25	21.64
2.06	2.50	5.00	3.00	2.00	10.00	8.00	2.00	—	19.90
2.16	3.55	4.40	2.90	5.00	12.95	7.20	2.64	9.54	19.84 Up to guarantee.
2.00					7.00		3.00	—	
0.77	0.98	2.35	5.20	2.00	10.18	7.00	3.45	5.12	15.35
					10.00				
			11.64	5.49	17.13	11.64	—	0.14	18.64
					17.00				
1.05	1.27	3.94	3.80	2.10	9.94	6.94	2.57	8.60	14.90
2.00					7.00		3.00	—	
1.33	1.61	4.00	3.55	0.05	8.07	8.14	8.64	10.77	19.73
0.82	1.00				7.00	6.00	—	—	17.59
1.75	2.12	4.30	3.41	0.85	8.64	7.79	3.84	13.42	19.05
0.82	1.00				7.00	6.00	—	—	17.59
1.01	1.22	4.97	3.22	0.85	9.12	8.20	3.12	14.04	16.42
0.82	1.00				9.00	8.00	2.00	—	13.93
1.80	2.20	3.80	3.00	2.20	9.80	7.52	2.01	14.30	17.78 Up to guarantee. No. 1,916 is registered as 'Bowker's Corn Phosphate.' Hence identification uncertain.
1.65	2.00				9.00	8.00	2.00	—	
1.26	1.55	4.27	2.64	2.00	8.93	6.91	5.44	11.27	18.36 Up to guarantee. No. 1,923 is registered as 'Bowker's 6 p.c. Potato Fertilizer.' Hence identification uncertain.
0.82	1.00				7.00	6.00	6.00	—	17.50
1.54	1.97	4.56	3.90	1.97	15.43	13.45	1.87	11.35	23.90 Up to guarantee.
1.65	2.00				7.00		2.50	—	
4.27	5.13	6.40	3.76	0.40	4.07	4.16	7.34	1.06	26.62 Not registered.
1.26	1.55	5.79	3.05	1.90	9.80	7.88	4.87	12.00	18.90 Up to guarantee.
0.82	1.00				9.00	8.00	2.00	—	13.92
1.95	2.35	5.30	3.41	2.17	10.97	8.80	4.73	13.36	22.35
1.06	2.00				9.00	8.00	2.00	—	16.71

RECORD OF SAMPLES OF

Date of Collection.	Designation.	No. of Sample	Name and Address of Manufacturer.	Name and Address of Vendor.	Identified with Standard.
1907.			<i>District of St. Hyacinthe—Con.</i>		
May 1	'Tucker's Improved Bone Phosphate' for all crops	482	American Agricultural Chemical Co., N.Y.	H. H. Miner, Dunham...	2021
" 30	Celery and Vegetable...	38607	W. A. Freeman & Co., Hamilton.	Wm. Ewing Co., Montreal.	1933
" 30	Sure Growth.....	32608	" " ..	" " ..	1931
" 30	Potato Manure.....	32609	" " ..	" " ..	1935
" 30	Tobacco Manure.....	32610	" " ..	" " ..	1937
" 30	Royal Canadian.....	32611	Capelton Chemical Co.	R. J. Latimer & Co., 21 St. Antoine St., Montreal.	1993
" 30	Victor.....	32612	Fertilizer Co., Buckingham	R. J. Latimer & Co., 21 St. Antoine St., Montreal.	1994
" 30	Eureka.....	32613	" " ..	R. J. Latimer & Co., 21 St. Antoine St., Montreal.	1995
" 30	No. 1.....	32614	" " ..	R. J. Latimer & Co., 21 St. Antoine St., Montreal.	1992
May 10	Vermont.....	32615	Bowker Fertilizer Co.	Chevalier, Joliette, P.Q.	1918
" 14	Corn Phosphate.....	32616	" ..	Thor, Cogland, Hurdmans, P.Q.	1916
" 14	Sure Crop.....	32617	" ..	Ehos, Cogland, Hurdmans, P.Q.	1920
" 14	'Bradley's B'.....	32618	American Agricultural Chemical Co.	Wm. Anderson, Hurdmans, P.Q.	1943
May 31	Royal Fertilizer.....	32243	<i>District of Ottawa—E. Belisle, General Inspector.</i> Standard Fertilizer and Chemical Co., Smith's Falls.	Manufacturers.....	2001
" 31	Victor Fertilizer.....	32245	Capelton Chemical and Fertilizer Co., Buckingham, Que.	A. E. Cameron, Brockville.	1994
" 31	Bradley's Sea Fowl.....	32246	American Agricultural Chemical Co., Buffalo, N.Y.	A. Brown & Sons, Brockville.	1943
" 31	Potato Fertilizer.....	32247	" " ..	" " ..	2033
" 31	Complete Manure.....	32248	" " ..	" " ..	1906
June 4	Market Gardeners Special Fertilizer	32250	The Nichols Chemical Co., Capelton, P.Q.	Kenneth McDonald, Market Square, Ottawa, Ont.	
April 22	Potato Manure.....	32439	<i>District of Kingston—Jas. Hogan, Inspector.</i> W. A. Freeman, Hamilton.	W. C. Peters, Brook St., Kingston.	1935
" 23	Land Rock.....	32440	R. C. Mosher, N.B.....	Chase Bros., Colborne.	

FERTILIZERS AS SOLD.

NITROGEN PER CENT.		RESULT OF ANALYSIS, PHOSPHORIC ACID—PER CENT.						Relative value per ton of 2,000 lbs.		Remarks.
Total : including that of nitric acid or ammonia if present.	Total calculated as ammonia.	Soluble in water.	Reverted or crystallized, soluble.	Insoluble.	Total.	Total available.	Pounds.	Moisture.		
1.54	1.87	6.95	2.46	1.85	11.26	9.41	2.26	15.58	19.20	Up to guarantee. No. 2021 is registered as 'Bowker's Potash Bone Phosphate.' Hence identification uncertain.
1.03	1.25	6.00	2.00	2.00	10.00	8.00	2.00	...	15.50	"
4.13	5.01	1.48	4.00	1.51	7.00	6.08	6.50	14.58	27.88	Up to guarantee.
4.12	5.00	1.51	4.10	4.41	9.00	5.61	5.00	14.85	19.51	"
2.52	3.00	1.51	4.10	4.41	10.02	5.61	3.30	14.85	19.51	"
2.88	3.50	1.51	4.10	4.41	9.00	5.61	3.00	14.85	19.51	"
3.52	4.28	1.08	5.10	2.92	9.19	6.27	5.44	10.23	25.28	"
2.47	3.00	1.48	4.00	1.61	7.00	5.00	5.00	10.31	25.72	"
3.92	4.76	2.08	5.19	1.61	9.46	7.87	2.98	10.31	25.72	"
2.47	3.00	1.48	4.00	1.61	7.00	5.00	4.00	10.31	25.72	"
2.87	3.48	5.02	3.20	1.34	9.66	8.31	4.44	8.75	15.63	"
3.30	4.00	1.08	5.10	2.92	9.00	5.00	5.00	10.31	25.72	"
1.54	1.87	3.87	4.31	3.97	11.15	7.18	2.65	9.90	17.26	"
2.00	2.00	1.00	3.48	1.56	6.91	5.23	3.00	10.31	25.72	"
1.86	2.20	1.00	3.48	1.56	6.91	5.23	3.31	5.17	16.26	Not registered.
0.84	1.02	2.50	5.88	2.72	11.19	8.38	0.33	7.20	18.47	Up to guarantee.
2.52	3.06	5.64	3.94	1.54	10.52	8.98	5.01	14.73	24.51	"
2.47	3.00	1.48	4.00	1.61	10.00	8.00	4.00	10.31	25.72	"
1.97	2.29	0.67	1.70	1.88	10.28	8.42	2.01	14.29	18.86	"
1.65	2.00	1.48	4.00	1.61	9.00	8.00	2.00	10.31	25.72	"
1.33	1.61	4.73	2.31	1.56	8.00	7.04	2.28	12.77	15.44	"
0.82	1.00	1.00	3.00	1.00	9.00	8.00	2.00	10.31	25.72	"
1.61	1.95	5.87	2.14	1.68	9.00	8.01	4.48	10.49	19.87	Up to guarantee. No. 1943 is registered as 'Bradley's B. D. Sea Fowl Guano.' Hence identification is uncertain.
2.06	2.50	6.00	2.00	1.00	9.00	8.00	1.50	...	18.20	"
2.78	3.38	12.12	4.30	2.10	18.58	16.42	5.18	10.00	34.54	Up to guarantee.
1.65	2.00	...	...	...	10.00	8.00	3.00	...	18.01	"
1.71	2.07	4.23	3.62	1.72	9.57	7.85	5.06	6.15	20.45	"
2.00	...	...	...	...	7.00	...	3.00	...	...	"
1.94	2.35	6.06	3.00	2.07	11.23	9.15	2.62	17.07	20.31	"
2.06	2.50	6.00	2.00	1.00	9.00	8.00	1.50	...	18.20	"
2.26	2.74	5.08	3.33	2.25	10.76	8.50	5.99	13.64	23.10	Up to guarantee. No. 2033 is registered as 'Standard Special for Potatoes.' Hence identification is uncertain.
2.06	2.50	5.00	3.00	2.00	10.00	8.00	3.00	...	18.90	"
3.37	4.00	5.36	3.42	1.88	10.86	8.98	12.41	11.76	34.87	Up to guarantee. No. 1906 is registered as 'A. A. C. Co., Aroostook Complete Manure.' Hence identification is uncertain.
2.47	3.00	5.00	1.00	1.00	7.00	6.00	10.00	...	25.56	"
3.06	3.71	7.87	2.31	3.27	13.45	10.18	5.62	6.86	25.90	Not registered.
2.34	2.84	3.56	4.29	3.43	11.27	7.86	4.17	6.36	22.14	Up to guarantee.
2.47	3.00	...	...	...	8.00	...	5.00	...	...	Not registered. This substance is not technically a chemical fertilizer and should not have been purchased.

RECORD OF SAMPLES OF

Date of Collection.	Designation.	No. of Sample.	Name and Address of Manufacturer.	Name and Address of Vendor.	Trimmed with Standard.
1907.			<i>District of Kingston—Con.</i>		
" 24	Potato Manure	32441	W. A. Freeman, Hamilton.	G. S. Thompson, Cobourg.	1935
" 24	Sure Growth	32442	" " ..	" "	1931
" 24	Lawn Fertiliser.....	32443	" " ..	" "	.....
" 24	Bone Potash.....	32444	" " ..	" "	1932
" 24	Plaster.....	32445	Not known	E. A. Duncan, Cobourg.	.....
" 25	High Grade Potash.....	32446	American Agricultural and Chemical Co., Buffalo, N.Y.	G. Mathews, Trenton.....	1946
			<i>District of Toronto—H. J. Diger, Inspector.</i>		
May 11	Lawn Fertiliser.....	32367	Wm. Rennie & Co., Toronto.	Wm. Rennie & Co., Toronto.	.....
" 11	Farm and Garden.....	32368	" " ..	" "	.....
" 11	Freeman's.....	32369	Wm. A. Freeman, Hamilton.	Steel, Briggs & Co., Toronto.	.....
" 13	'Cone Tankage'	32370	Wm. Davies & Co., Toronto.	Wm. Davies Co., Toronto.	1891
" 13	'Tankage'	32371	" " ..	" "	.....
" 13	"	32372	Park, Blackwell Co., Toronto.	Park, Blackwell Co., Toronto.	.....
" 13	'General'	32373	Western Fertiliser Co., Toronto.	Western Fertilizer Co., Toronto.	.....
" 13	Bone and Potash..	32374	" " ..	" "	.....
" 22	'Tankage Fertilizer'	32375	Fowler's Canadian Co., Hamilton.	Fowler's Canadian Co., Hamilton.	.....
" 22	Flower Food Fertiliser.	32376	Wm. A. Freeman, Hamilton.	Steel, Briggs Co., Hamilton.	.....
June 18	Lawn Fertiliser.....	32321	" " ..	T. L. Taylor, Brampton, Ont.	.....
" 18	Plant Food.....	32327	Wm. Rennie, Toronto, Ont.	C. Stork & Son, Brampton, Ont.	.....
" 18	Bone Meal.....	32378	W. A. Freeman, Hamilton, Ont.	Dale Estate, Brampton, Ont.	1938
" 20	Bone and Potash Fertiliser.	32379	Western Fertiliser Co., Toronto, Ont.	Western Fertiliser Co., Toronto.	.....
" 20	General Fertiliser.	32380	" " ..	" "	.....
			<i>District of London—T. Kidd, Inspector.</i>		
May 8	Bone Flour.	30361	W. A. Freeman, Hamilton, Ontario.	Jas. Anson & Son, Guelph, Ont.	1938
" 9	Fertiliser (Harris H)....	30364	W. Harris & Co., Danforth Road, near Toronto, Ont.	J. A. Simmons, Toronto, Ont.	1997

FERTILIZERS AS SOLD.

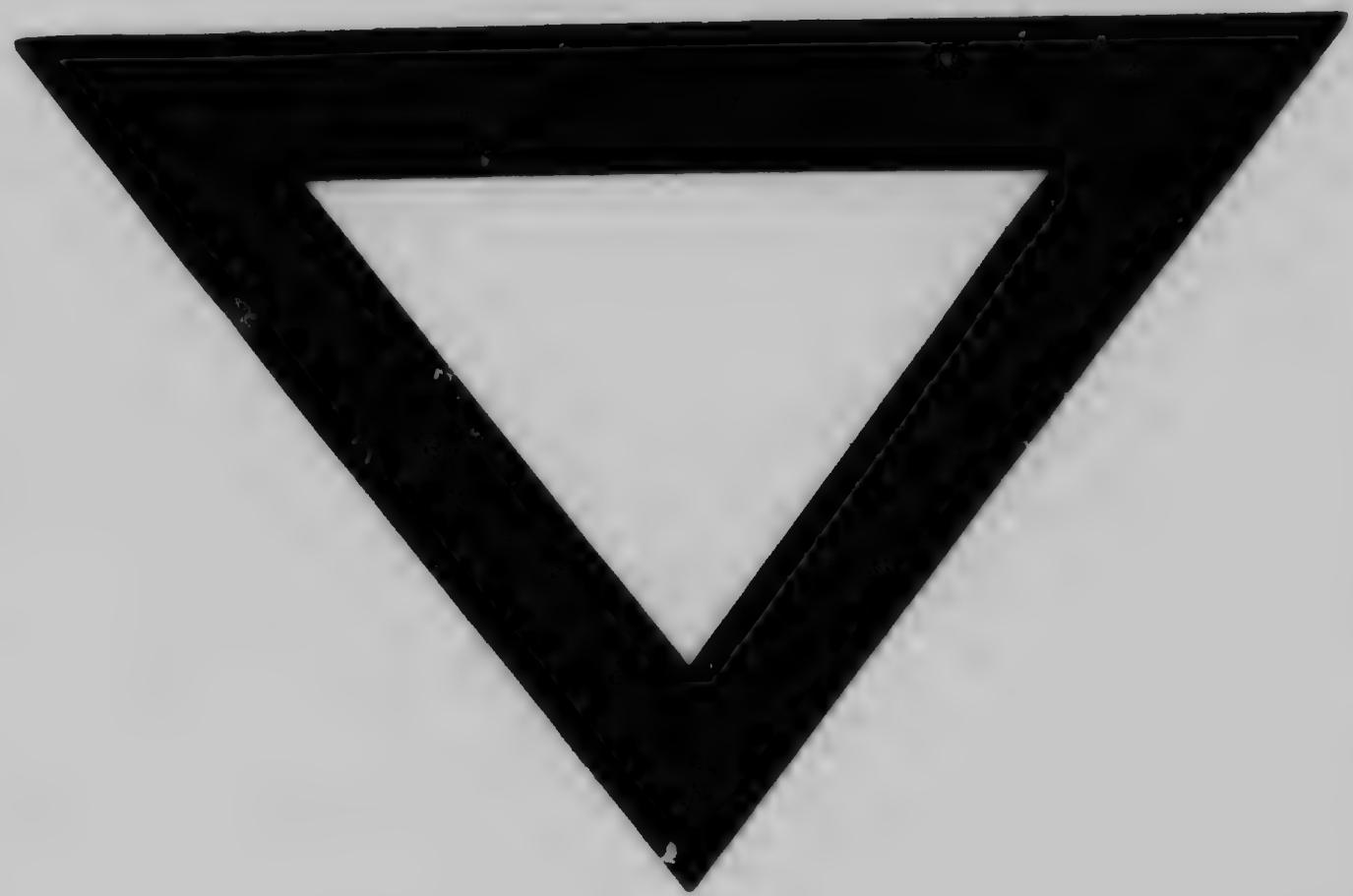
NITROGEN PER CENT.	RESULT OF ANALYSIS. PHOSPHORIC ACID—PER CENT.							Relative value per ton of 2,000 lbs.	Remarks.	
	Total : including that of nitric acid or ammonia if present.	Total calculated as ammonia.	Soluble in water.	Reverted or citrated, soluble	Inert salts	Total	Total available	Potash	Moisture	
3.43	4.10	3.03	3.00	3.19	9.29	6.03	5.84	4.24	8 cts.	36 06 Up to guarantee.
2.47	3.00	2.01	3.00	4.37	9.98	5.61	5.00	—	20 80	—
2.97	3.60	2.01	3.00	4.37	9.98	5.61	5.11	6.68	22 51	Not registered.
2.88	3.50	—	—	—	8.00	—	3.00	—	22 51	Not registered.
2.88	3.49	4.12	2.70	4.65	11.47	6.83	3.41	9.84	26 17	Up to guarantee.
3.14	4.81	1.75	4.30	3.68	9.00	6.01	6.91	5.27	36 17	Up to guarantee.
1.65	2.00	—	—	—	9.00	—	6.00	—	—	Not registered. See note to 32440.
Trace.	—	—	—	—	Trace.	—	—	6.52	—	Below guarantee in potash.
2.43	2.95	5.07	2.75	3.33	11.15	7.82	4.44	0.26	22 81	25 31
1.65	2.00	6.00	2.00	1.00	9.00	8.00	10.00	—	—	—
2.48	3.01	0.11	6.88	3.96	10.90	6.94	0.12	2.52	17 39	Not registered.
3.16	3.84	0.17	8.51	3.10	11.78	8.68	0.16	2.98	21 40	—
3.06	3.71	2.28	4.14	3.50	9.98	6.49	3.14	5.07	21 38	Not registered or incorrectly named by the vendor.
12.44	15.10	—	—	0.28	1.23	0.95	0.98	8.02	41 02	Up to guarantee. No. 1891 is registered as 'Toronto B.' Hence identification uncertain.
13.17	16.00	—	—	—	—	—	—	7.20	43 14	—
8.17	9.92	0.27	6.95	3.68	10.00	7.22	0.27	6.56	35 48	Not registered or insufficiently defined by the vendor.
7.76	9.42	0.20	7.02	3.48	10.70	7.22	0.21	5.21	34 05	—
1.93	2.34	None.	None.	0.88	0.89	—	0.63	1.97	7 46	Not registered. Possesses no value to justify its being sold as a chemical fertilizer.
0.26	0.9	None.	0.54	1.03	1.02	0.54	0.77	0.5	2 57	—
7.72	9.37	0.37	7.13	1.82	9.32	7.50	0.29	0.14	38 33	Not registered.
4.87	5.91	1.00	3.44	2.41	7.40	5.04	2.92	1.96	26 91	—
1.80	2.17	9.82	2.56	4.10	16.48	12.28	0.47	8.85	22 42	—
2.88	3.47	Trace.	8.70	3.05	11.78	8.70	0.43	2.33	20 71	—
6.27	7.56	Trace.	10.62	7.55	18.17	10.62	0.14	5.89	34 15	Up to guarantee.
2.47	3.00	—	—	—	20.00	—	—	—	—	—
0.21	0.26	Trace.	1.70	1.85	3.55	1.70	1.37	1.00	4 51	Not registered. Has no value to warrant its being sold as a chemical fertilizer.
1.93	2.35	Trace.	2.08	1.00	3.77	2.08	1.63	2.15	10 99	Not registered.
4.95	6.01	0.17	12.96	2.65	15.78	13.13	0.21	1.96	32 39	Identification uncertain. No. 1933 is registered as 'F. man's Pure Bone Meal.' Up to standard.
2.47	3.00	—	—	—	20.00	—	—	—	31 93	Up to standard sample. Analysis of standard sample is quoted.
6.39	7.76	0.11	8.30	2.53	11.08	8.50	0.08	5.13	38 60	Up to guarantee.
5.88	7.14	—	6.20	5.95	12.15	6.20	—	8.25	—	—

RECORDS OF SAMPLES OF

Date of Collection.	Designation.	No. of Sample.	Name and Address of Manufacturer.	Name and Address of Vendor.	Identified with Standard
1907.			<i>District of London—Con.</i>		
May 10	Nure Growth.....	30861	Wm. A. Freeman, Hamilton, Ont.	Steel, Briggs & Co., Toronto, Ont.	1931
" 15	Bone Meal.....	30871	W. Harris & Co., Danford Road, near Toronto, Ont.	W. Harris & Co., Danford Road, near Toronto, Ont.	1996
" 15	Blood and Bone.....	30872	W. Harris & Co., Danford Road, near Toronto, Ont.	W. Harris & Co., Danford Road, near Toronto, Ont.	1997
" 16	Bone Dust.....	30873	American Agricultural Co., Buffalo, N.Y.	Jno. A. Bruce, Hamilton, Ont.	.....
" 16	Bone Meal.....	30874	W. A. Freeman, Hamilton, Ont.	W. A. Freeman, Hamilton, Ont.	1938
" 22	Blood, Bone and Tankage.	30875	Canadian Packing Co., London, Ont.	Canadian Packing Co., London, Ont.	.....
			<i>District of British Columbia —E. B. Parkinson, Inspec.</i>		
" 13	Nitrate of Soda.....	32086	The Victoria Chemical Co., Victoria, B.C.	Wm. Rennie Co., Hastings St., Victoria, B.C.	2045
" 13	Bone Meal.....	32087	Sylvester Feed Co., Victoria, B.C.	Wm. Rennie Co., Hastings St., Victoria, B.C.	1876
" 13	'A' Fertilizer.....	32088	The Victoria Chemical Co., Victoria, B.C.	Wm. Rennie Co., Hastings St., Victoria, B.C.	2040
" 13	'B' ".....	32089	The Victoria Chemical Co., Victoria, B.C.	Wm. Rennie Co., Hastings St., Victoria, B.C.	2041
" 13	Muriate of Potash.....	32090	The Victoria Chemical Co., Victoria, B.C.	W. J. Henry, Westminster Road, Vancouver, B.C.	2048
" 13	Nitrate of Soda.....	32091	The Victoria Chemical Co., Victoria, B.C.	W. J. Henry, Westminster Road, Vancouver, B.C.	2045
" 13	'B' Fertilizer.....	32092	The Victoria Chemical Co., Victoria, B.C.	M. J. Henry, Vancouver, B.C.	2041
" 14	Fish Guano.....	32093	Fraser River Oil and Guano Co., Fraser River, B.C.	Brackman & Kerr Milling Co., Vancouver, B.C.	1884
" 14	'B' Fertilizer.....	32094	The Victoria Chemical Co., Victoria, B.C.	Brackman & Kerr Milling Co., Vancouver, B.C.	2041
" 4	'B' ".....	32095	The Victoria Chemical Co., Victoria, B.C.	Brown Bros., Vancouver, B.C.	2041
" 4	'C' ".....	32096	The Victoria Chemical Co., Victoria, B.C.	Brown Bros., Vancouver, B.C.	2042
" 4	Superphosphate.....	32097	The Victoria Chemical Co., Victoria, B.C.	Brown Bros., Vancouver, B.C.	2044
" 4	Sulphate of Potash.....	32098	The Victoria Chemical Co., Victoria, B.C.	Brown Bros., Vancouver, B.C.	2047
" 4	Muriate of Potash.....	32099	The Victoria Chemical Co., Victoria, B.C.	Brown Bros., Vancouver, B.C.	2048
" 4	Bone Meal.....	32100	P. Burns Co., Vancouver, B.C.	Brackman & Kerr Milling Co., Vancouver, B.C.	1883

FERTILIZERS AS SOLD.

NITROGEN PER CENT.	RESULT OF ANALYSIS. PHOSPHORIC ACID—PER CENT.							Relative value per ton of 2,000 lbs.	Remarks.	
	Total: including that of nitric acid or ammonia if present.	Total calculated as ammonia.	Soluble in water.	Reverted or citrate, Soluble.	Insoluble.	Total.	Total available.	Pounds.	Moisture.	
31	3.46	4.20	1.90	4.12	4.39	10.25	6.09	2.93	3.81	22.81 Up to guarantee.
32	2.89	3.50				8.00		3.00		
33	3.37	4.00	Trace.	9.64	9.49	19.13	9.64	0.06	5.73	24.30 Not up to standard sample. Analysis of standard sample is quoted.
34	4.76	5.84		15.04	6.39	21.43	15.04		4.20	23.60
35	6.28	7.62	0.17	7.67	2.96	10.80	7.84	0.24	4.64	29.87 May be 'Fertilizer H,' No. 1997 —but cannot identify with certainty. If so is up to standard.
36	5.88	7.14		6.20	5.95	12.15	6.30		8.25	26.90
37	3.45	4.10	0.39	4.27	14.36	19.01	4.65	0.10	4.84	20.60 Am. Agr. Co., Buffalo, register 10 brands, but no brand bears the name 'Bone Dust'—under which this sample is sold.
38	4.58	5.56	0.06	8.85	10.50	19.50	8.91	0.10	6.97	27.74 Up to guarantee.
39	2.47	3.00				20.00				
40	6.55	7.91	Trace.	10.43	1.82	12.25	10.43	0.20	5.00	33.27 Not registered.
41										
42										
43	15.95	19.37						2.72		54.23 Up to guarantee.
44	16.00									54.40
45	2.24	2.72	Trace.	7.20	6.60	13.80				17.07
46	3.83	4.65	1.20	9.97	4.15	15.32	11.17	0.06		25.93
47										
48	2.80	3.40	9.00		1.00	10.00		10.10	20.04	30.72 Up to guarantee.
49	4.00					10.00		7.00		
50	3.36	4.08	5.40	3.80	3.00	12.20		12.00	13.40	34.98 Up to guarantee.
51	3.50					9.00		11.00		
52								54.80	2.52	
53								50.00		
54	16.09	19.58							1.84	
55	16.00									54.71 Up to guarantee.
56	3.92	4.76	7.50	Trace.	0.50	8.00		12.20	9.80	54.40
57	3.50					9.00		11.00		34.68 Up to guarantee.
58	8.68	10.54	0.80	4.70	0.80	6.30				34.15 Up to guarantee.
59	8.84	10.12				6.55				33.97 Up to guarantee.
60	3.08	3.74	9.00	Trace.	Trace.	9.00		11.70	19.96	
61	3.50					9.00		11.00		
62	3.08	3.74	9.00	0.40	Trace.	9.40		11.70	19.60	33.41 Up to guarantee.
63	3.50					9.00		11.00		
64	1.12	1.36	11.30			11.30		10.30	23.60	27.69 Up to guarantee.
65	Trace.	Trace.	16.30	0.40	Trace.	16.70				20.00 Up to guarantee.
66						16.00				
67								51.00	0.96	51.00 Up to guarantee.
68								50.00		50.00
69								53.00	4.27	53.00 Up to guarantee.
70								50.00		50.00
71	4.20	5.10	Trace.	10.20	9.50	19.70				27.51 Not up to guarantee, but practically identical with standard sample, of which the analysis is quoted.
72	3.05	3.70				29.00				3.00
73	3.71	4.50	0.98	10.72	10.39	22.07	11.68	0.48	7.00	28.41



RECORD OF MAPLE SUGAR SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	No. of Samples	Nature of Sample.	Name and Address of Vendor.	Cost. Quan- tity.	Cust. Cts.	Name and Address of Manufacturer or Furnisher or as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.		Molasses Acid Value	Remarks.
								100	1000		
District of London—T. Kidd, Inspector—Concluded.											
1907.											
May 1	1	Maple Sugar	30332 A. J. Nichols, Wingham	2 lbs., 20c.	2	John Garves, London		2.92	0.80		Crystallized.
"	1	"	30334 Joe. J. Pritchard, Ham	2 lbs., 20c.	2	John Stone, Toronto		1.08	0.30	0.03	Crystallized.
"	2	"	30337 Geo. Brothers, Walkerton	2 lbs., 20c.	2	T. B. Elliott, London		2.04	0.61		Crystallized.
"	2	"	30341 Schreindl & Mutter, Hanover.	2 lbs., 20c.	2	Not known...		0.38	0.42	0.03	Crystallized.
"	3	"	30344 Healday & Stenson, Chealey.	2 lbs., 20c.	2	" "		0.97	0.32	0.05	Crystallized.
"	3	"	30345 R. A. Glavin, Listowel	2 lbs., 20c.	2	Geo. Watts & Sons, Brantford		2.25	0.51		Crystallized.
"	4	"	30348 A. Beattie & Co., Stratford.	2 lbs., 20c.	2	Maple Tree Producers Co., Waterloo, Que.		3.22	0.75		Crystallized.
"	8	"	30350 J. A. McCross & Son, Guelph.	2 lbs., 20c.	2	Hugh Walker & Sons, Guelph.		3.82	0.68		Crystallized.
"	10	"	30355 G. M. Woods, Church St., Toronto.	2 lbs., 20c.	2	Not known...		2.22	0.58		Crystallized.
"	10	"	30359 H. Wellhead, Toronto	2 lbs., 20c.	2	Perkins, Jones & Co., Toronto.		2.31	0.61		Crystallized.
"	12	"	30362 T. J. Clifton, Toronto	2 lbs., 20c.	2	Clegg Bros., Niagara, Ont.		3.84	0.61		Crystallized.
"	12	"	30366 W. J. Colwell	1 lbs., 20c.	2	Dixon Bros., Niagara, Ont.		2.41	0.55		Crystallized.
"	14	"	30367 J. J. McKnight, Tottenham.	2 lbs., 20c.	2	John Stone, Toronto					

RECORD OF MAPLE SUGAR SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection.	No. of Sample.	Nature of Sample.	Name and Address of Vendor.	Cost.	Quan- tity.	Cts.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.		
									Labelled Pure Maple Sugar.	Labelled Pure Maple Sugar.	Labelled Pure Maple Sugar.
<i>District of Toronto—H. J. Deger, Inspector.</i>											
May 8	Maple Sugar	33222	W. Eddy, Toronto	1 lb., 10c.					2.77	0.32	
" 8	"	33223	Spencer Smith, Toronto	2 "	30c...		A farmer at Smith's Falls		4.77	1.22	Crusie.
" 8	"	33224	Joseph Patterson, Toronto.	2 "	30c...		Sugar, Ltd., Montreal		2.29	0.55	Crusie.
" 8	"	33225	J. J. Burton, Toronto.	1 1/4 "	30c...		J. Sloan & Co., Toronto	Sugar Pure, Quebec	2.39	0.66	Crusie.
" 9	"	33226	J. A. Sweet, Toronto.	2 1/4 "	30c...		Cleans Bros., Agents, Toronto.		2.39	0.71	Crusie.
" 9	"	33227	Jno. Coutts, Toronto.	2 "	30c...		Sugar, Ltd., Montreal	Absolutely pure.	1.44	0.43	0.29 Adulterated.
" 10	"	33228	Geo. Cokes, Ltd., Toronto	2 1/4 "	50c...		G. A. Cokes, Ltd., Toronto	Sold as pure.	5.64	1.23	Crusie.
" 10	"	33229	Frank Giles, Toronto.	2 1/4 "	35c...		Pierce, Delta, Ont., near Brockville.	Guaranteed pure.	4.17	0.50	Crusie.
" 10	"	33230	W. S. Fry & Co., Toronto.	1 1/4 "	22c...		E. D. Rothwell, Quebec.	Guaranteed pure.	4.17	1.11	Crusie.
" 17	"	33231	W. J. Snell, East Toronto	2 "	30c...		H. P. Eberle, agents, To- ronto.	Purchased from Mr. in a 5 gal. tin can.	2.53	0.62	Crusie.
" 20	"	33232	Battrem & Co., Hamilton	2 "	30c...		L. Chaput Fils & Co.		5.29	0.92	Crusie.
" 20	"	33233	Bain & Adams, Hamilton	2 "	30c...		Maple Tree Produc-		3.65	1.20	Crusie.
" 20	"	33234	P. H. Gage, Hamilton	2 "	30c...		Association.				
" 20	"	33235	Peeble's Hobson & Co., Hamilton	2 "	30c...		Sugar, Ltd., Montreal	Guaranteed pure.	0.79	0.29	0.09 Adulterated.
" 20	"	33236	W. J. O'Brien, Hamilton	1 1/4 "	20c...		W. L. Steer, Freigh- burg, Que.		3.35	0.87	Crusie.
" 20	"						Imperial Syrup Co., Mon- treal.		1.32	0.62	Dentified.

1907

Date of Collection.	No. of Sample.	Name and Address of Vendor.	Cost.	Quan- tity.	Cts.	Inspector's Report.	Percentage on Dry Substance.			
							Labelled Pure Maple Sugar.	Labelled Pure Maple Sugar.	Labelled Pure Maple Sugar.	
<i>District of Toronto—H. J. Deger, Inspector.</i>										
May 8	Maple Sugar	33222	W. Eddy, Toronto	1 lb., 10c.						
" 8	"	33223	Spencer Smith, Toronto	2 "	30c...		A farmer at Smith's Falls		4.77	1.22
" 8	"	33224	Joseph Patterson, To- ronto.	2 "	30c...		Sugar, Ltd., Montreal		2.29	0.55
" 8	"	33225	J. J. Burton, Toronto.	1 1/4 "	30c...		J. Sloan & Co., Toronto	Sugar Pure, Quebec	2.39	0.66
" 9	"	33226	J. A. Sweet, Toronto.	2 1/4 "	30c...		Cleans Bros., Agents, To- ronto.		2.39	0.71
" 9	"	33227	Jno. Coutts, Toronto.	2 "	30c...		Sugar, Ltd., Montreal	Absolutely pure.	1.44	0.43
" 10	"	33228	Geo. Cokes, Ltd., Toronto	2 1/4 "	50c...		G. A. Cokes, Ltd., Toronto	Sold as pure.	5.64	1.23
" 10	"	33229	Frank Giles, Toronto.	2 1/4 "	35c...		Pierce, Delta, Ont., near Brockville.	Guaranteed pure.	4.17	0.50
" 10	"	33230	W. S. Fry & Co., Toronto.	1 1/4 "	22c...		E. D. Rothwell, Quebec.	Guaranteed pure.	4.17	1.11
" 17	"	33231	W. J. Snell, East Toronto	2 "	30c...		H. P. Eberle, agents, To- ronto.	Purchased from Mr. in a 5 gal. tin can.	2.53	0.62
" 20	"	33232	Battrem & Co., Hamilton	2 "	30c...		L. Chaput Fils & Co.		5.29	0.92
" 20	"	33233	Bain & Adams, Hamilton	2 "	30c...		Maple Tree Produc-		3.65	1.20
" 20	"	33234	P. H. Gage, Hamilton	2 "	30c...		Association.			
" 20	"	33235	Peeble's Hobson & Co., Hamilton	2 "	30c...		Sugar, Ltd., Montreal	Guaranteed pure.	0.79	0.29
" 20	"	33236	W. J. O'Brien, Hamilton	1 1/4 "	20c...		W. L. Steer, Freigh- burg, Que.		3.35	0.87
" 20	"						Imperial Syrup Co., Mon- treal.		1.32	0.62

RECORD OF MAPLE SUGAR SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Oz. Quantity.	Name and Address of Manufacturer or Furnisher or as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.		Molasses Acid Value Tested Total Acid Value	Remarks.
							35c	34c		
District of Toronto—H. J. Deger, Inspector—Concluded.										
1907.										
May 21	Maple Sugar	33237	J. B. O'Neil, Hamilton	2 lb. 30c.	Sugars, Ltd., Montreal	.....	1.36	0.50	.....	Deadhead.
" 21	"	33238	Wm. Carroll, Hamilton	14 "	Imperial Syrup Co., Montreal	.....	2.37	0.71	.....	Caroline.
"	"	33239	H. C. Davis, Dundas	2 "	Sugars, Ltd., Montreal	.....	1.34	0.43	0.34	Adjusted.
"	"	33240	C. Boyle, Dundas	2 "	Sugars, Ltd., Montreal	.....	1.49	0.52	0.11	Adjusted.
"	"	33241	N. Arnold, Hamilton	14 "	Balfour & Co., Hamilton	.....	1.26	0.41	0.23	Adjusted.
District of Manitoba—R. W. East, Inspector.										
May 16	Maple Sugar	25851	T. Minello, Winnipeg	3 cakes, 15c.	Bright & Johnson, Winnipeg	.....	2.35	0.77	.....	Caroline.
" 16	"	25852	D. Black, Winnipeg	3 lbs...	Teller Bros., Winnipeg	.....	0.24	0.11	0.04	Adjusted.
"	"	25853	Thos. Hurley & Co.,	3 "	.....	0.20	0.14	0.03	Adjusted.	
"	"	25854	J. G. Hargrave, Winnipeg	3 "	Not given	.....	2.59	0.85	.....	Caroline.
"	"	25855	M. Valentine, Winnipeg	3 "	Bright & Johnson, Winnipeg	.....	0.73	0.26	0.25	Adjusted.
"	"	25856	J. R. Van Norman, Winnipeg	60 lbs.	Maple Tree Producers Assoc., Waterloo, Que.	.....	3.62	0.36	.....	Caroline.
"	"	25857	Finch & Co., Winnipeg	14 "	Eastern Townships, Maple Sugar Assoc.	.....	3.61	1.06	.....	Caroline.
"	"	25858	J. R. Clement, Winnipeg	2 "	John Morris & Co., Winnipeg	.....	2.14	0.36	.....	Caroline.

RECORD OF MAPLE SUGAR SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection.	No. of Sample.	Name and Address of Vendor.	Cost.	Quan- tity. Ozs.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.		Molasses Proportion Lodging Sug- gests Proportion Total Ash	Molasses Acid Value.	Remarks.
							Lodging Sug- gests Proportion	Total Ash			
1907.											

District of Manitoba—R. W. Earl, Inspector—Concluded.

May 17	25859	J. A. Parks, Winnipeg...	3 lbs., 75c	Small, Montreal...			2.07	0.64	0.28	Genuine.
" 17	" "	J. A. McKercher, Winni-21 peg...	40c...	Taylor, Quebec...			3.60	1.26	...	Genuine.
" 27	" "	25860 J. A. Taylor, Portage la Prairie...	15c...	Not known...			6.61	1.55	...	Genuine.
" 27	" "	25865 Mrs. Taylor, Portage la Prairie...	15c...	Bright & Johnson, Winnipeg...			3.84	1.24	...	Genuine.
" 27	" "	25866 C. Costigan, Portage la Prairie...	15c...	Bright & Johnson, Winnipeg...			0.18	0.13	0.07	Adulterated.
" 27	" "	25867 D. Cassells, Portage la Prairie...	25c...	Telfer Bros., Winnipeg...			2.95	0.13	...	Genuine.
" 27	" "	25868 A. H. Palmer, Portage la Prairie...	30c...	Not known...			3.24	0.70	...	Genuine.
" 27	" "	25869 J. Costigan, Portage la Prairie...	15c...	Bright & Johnson, Winnipeg...			2.33	0.73	...	Genuine.
" 22	" "	25870 Martin & Johnson, Bran-3 don...	30c...	Wilson Com. Co., Brandon...			4.55	1.03	...	Genuine.
" 23	" "	25862 J. F. Price & Co., Bran-3 don...	30c...	Maple Tree Producers Assoc., Waterloo, Que...			3.71	1.11	...	Genuine.
" 23	" "	25863 Smith & Burton.....	3 "	E. J. Lee, Sutton, Que...			0.48	0.33	0.29	Adulterated.
" 23	" "	25864 T. E. Corne, Brandon...	3 "	Wilson Com. Co., Brandon...			2.97	0.87	...	Genuine.
" 23	" "	R. J. Hopper.....	3 "	C. R. & A. J. Kimckey, Sutton, Que...						

RECORD OF MARINE SUGAR SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

District of Calgary—R. W. Fletcher, Inspector.

May	9	Maple Sugar...	28701	J. G. Pratt, Lacombe	20 ovs.	45c	Plunket & Savage, Cal-	3.55	0.81	Genuine.
"	11	"	28702	R. Bruce Inglis Co., Ed-	1½ lb., 40c	gary.	2.84	0.80	Genuine.	
"	11	"	28703	Hudson Bay Co., Edmonton.	1½ "	N. J. Cluff, Strathcona	4.11	0.80	Genuine.	
"	11	"	28704	The Acme Co., Edmonton.	"	Maple Tree Producers	2.80	0.73	Genuine.	
"	13	"	28705	Duncan Bros. & Batters,	3 tins, 75c.	Maple Tree Producers	2.71	0.73	Genuine.	
"	13	"	28706	Edmonton.	"	Maple Tree Producers	4.35	0.83	Genuine.	
"	13	"	28707	Hallier & Aldridge, Ed-	45 ovs., 75c.	Maple Tree Producers	4.33	0.80	Genuine.	
"	13	"	28708	Jacobson, 1½ lb., 30c.	Maple Tree Producers	2.88	0.85	Genuine.		
"	13	"	28709	Edmonton.	"	Maple Tree Producers	2.90	0.67	Genuine.	
"	13	"	28710	H. Morris & Co., Ed-	1½ "	Maple Tree Producers	3.80	0.85	Genuine.	
"	13	"	28711	W. Wilkins, Edmonton.	18 oz., 30c.	Assoc., Waterloo, Que.	0.97	0.38	0.19 Adulterated.	
"	13	"	28712	Carrothers & Co., Ed-	1½ "	Maple Tree Producers	2.68	0.73	Genuine.	
"	14	"	28713	14 oz., 45c.	Assoc., Waterloo, Que.	3.02	0.66	Genuine.		
"	14	"	28714	A. G. Baahm, Strathcona	Not known.	Not known.	0.26	0.18	0.10 Adulterated.	
"	14	"	28715	Baxter & Co., Strathcona	E. J. Berry, Bronx,	Sugars Co., Ltd., Mon-	0.93	0.31	0.14 Adulterated.	
"	14	"	28716	1 lb., 30c.	Quebec.	Sugars Co., Ltd., Mon-	22			
"	22	"	28717	Ross McDonald, Strath-	1½ "	quebec.	22			
"	22	"	28718	14 oz., 45c.	Not known.	Not known.	22			
"	22	"	28719	G. T. & J. Galt, Calgary.	"	Sugars Co., Ltd., Mon-	22			

RECORD OF MAPLE SUGAR SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor	Cost.	Quan- tity.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Maple Acid Value.			Remarks.
								Lead Sul- phate Pre- cipitate	Total Ash	Percentage on Dry Substance.	
<i>1907.</i>											
<i>District of Calgary—R. W. Fletcher, Inspector—Concluded.</i>											
May 22	Maple Sugar	28716	Wood & Green, Calgary	2 lbs., 40c.	B. G. Hall, Barnstown, Que.			3.48	0.77	...	Genuine.
" 22	"	28717	Wing & Kidney, Calgary	1 $\frac{1}{2}$ " 30c.	G. F. & J. Galt, Calgary			0.82	0.33	0.07	Adulterated.
" 22	"	28718	Hudson Bay Co., Calgary	1 $\frac{1}{2}$ " 30c.	Maple Tree Producers Assoc., Waterloo, Que.			3.66	1.02	...	Genuine.
" 22	"	28719	Copes & Emerson, Cal-gary	1 $\frac{1}{2}$ " 30c.	Unknown			3.40	0.66	...	Genuine.
" 22	"	28720	Murdock Bros., Calgary	1 $\frac{1}{2}$ " 30c.	G. F. & J. Galt, Calgary			0.53	0.23	0.08	Adulterated.
<i>District of British Columbia—E. B. Parkinson, Inspector.</i>											
April 15	Maple Sugar	32024	H. J. Hampton, Granville St., Vancouver	1 lb., 20c.	Eastern Township Maple Sugars & Syrups Exchange, Sutton, Que.		Guaranteed Pure...	3.04	0.77	...	Genuine.
" 19	"	32064	Geo. Smith, Mount Pleasant, Vancouver	" 20c.	Maple Tree Producers Assoc., Ltd., Waterloo, Que.	" Pride of Canada," Absolutely Pure...		5.24	1.06	...	Genuine.
" 19	"	32065	Andrews Bros., Mount Pleasant, Vancouver	" 15c.	Sugars, Ltd., Montreal	" Twin Blocks," Guaranteed Pure...		3.15	0.84	...	Genuine.
" 20	"	32066	Wm. Clark, Carroll St., Vancouver	" 15c.	Sugars, Ltd., Montreal	" Twin Blocks," Guaranteed Pure...		1.97	0.50	0.32	Doubtful.
" 22	"	32067	Woodwards Dept. Stores, Hastings St., Vancouver	" 15c.	Sugars, Ltd., Montreal	" Twin Blocks," Guaranteed Pure...		1.82	0.47	0.34	Doubtful.
" 22	"	32068	Foran Bros., Carroll St., Vancouver	" 15c.	Sugars, Ltd., Montreal	" Twin Blocks," Guaranteed Pure...		2.00	0.51	0.73	Genuine.
" 23	"	32069	A. G. Main, Hastings St., Vancouver	" 15c.	Sugars, Ltd., Montreal	" Twin Blocks," Guaranteed Pure...		3.11	0.54	...	Genuine.

RECORD OF MAPLE SUGAR SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT

Date of Collection	Nature of Sample	No. of Sample	Name and Address of Vendor	Address of Vendor	Cost.	Quan- tity.	Cts.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	British Columbia—E. B. Parkinson, Inspector—Concluded.	Percentage on Dry Substance.	Total Acid Value.	Remarks.
Leesite Sug.	Leesite Proctoplate Sug.	Leesite Sug.											
1907	Maple Sugar	32070	N. Ray, Hastings St., Vancouver.	1 lb., 15c...	Sugars, Ltd., Montreal.	"Twin Blocks," Guaranteed Pure.	2.33	0.55	.....	Genuine.			
		32071	B. B. Brown, Davie St., Vancouver.	" 15c...	Sugars, Ltd., Montreal.	"Twin Blocks," Guaranteed Pure.	2.61	0.54	.....	Genuine.			
" 23	"	32072	A. H. Bradbury, Vancouver.	" 15c...	Sugars, Ltd., Montreal.	"Twin Blocks," Guaranteed Pure.	2.17	0.50	.....	Genuine.			
" 23	"	32073	O. Burdett, New Westminister, B.C.	" 15c...	Sugars, Ltd., Montreal.	"Twin Blocks," Guaranteed Pure.	1.88	0.47	.....	Doubtful.			
" 24	"	32074	F. Islander, Pender St., Vancouver.	" 15c...	Sugars, Ltd., Montreal.	"Twin Blocks," Guaranteed Pure.	1.85	0.52	0.29	Doubtful.			
" 25	"	32075	Nickles & Grainville St., Vancouver.	" 15c...	Geo. Valals, Vancouver.	"Twin Blocks," Guaranteed Pure.	2.13	0.46	.....	Doubtful.			
" 25	"	32076	E. Pect, Grainville St., Vancouver.	" 15c...	Sugars, Ltd., Montreal.	"Twin Blocks," Guaranteed Pure.	2.15	0.48	.....	Doubtful.			
" 25	"	32077	Geo. Valals, Grainville St., Vancouver.	" 15c...	Vendor.....	Vendor stated sample was not pure after purchase was made.	1.08	0.51	0.03	Sold as Mixture.			
" 25	"	32078	M. M. Lemon, Fairview, Vancouver.	" 10c...	Not known.	.....	3.95	0.60	.....	Genuine.			
" 26	"	32079	Griggs Br s., Eburne, B.C.	" 15c...	Ramsay Bros., Vancouver, B.C.	Marked Maple Sugar on box.	5.15	0.81	.....	Genuine.			
" 27	"	32080	City Grocery, Granville St., Vancouver.	" 15c...	Maple Tree Producers' Association, Ltd., Waterloo, Que.	Marked Maple Sugar on box.	4.53	0.88	.....	Genuine.			
" 27	"	32081	Ramsay Bros., Powell St., Vancouver.	" 20c...	Vendor.....	Marked Maple Sugar on box.	0.42	1.18	.....	Genuine.			
" 29	"	32082	S. Wallace, Western Ave., Vancouver.	" 20c...	Maple Tree Producers' Association, Ltd., Waterloo, Que.	Marked Maple Sugar on box.	5.11	0.81	.....	Genuine.			
" 29	"	32083	T. Wallace, Western Ave., Vancouver.	" 20c...	Maple Tree Producers' Association, Ltd., Waterloo, Que.	Marked Maple Sugar on box.	0.42	1.18	.....	Genuine.			